FORMPTO-1390(Modified) (REV 11-98) U.S. DEPARTMENTOF COMMERCEPATENTAND TRADEMARKOFFICE 113.1012 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATIONNO. (IF KNOWN, SEE 37 CFR DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONALAPPLICATIONNO. INTERNATIONALFILINGDATE PRIORITYDATECLAIMED November 26, 1998 PCT/DE99/03732 November 19, 1999 TITLEOF INVENTION REGULATORY PROTEIN FROM HUMAN KERATINOCYTES APPLICANT(S)FOR DO/EO/US Michael BECHTEL, et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: Ø This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 1. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay 3. examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 4. A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) is transmitted herewith (required only if not transmitted by the International Bureau). a. 🔯 b. 🛛 has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). A translation of the International Application into English (35 U.S.C. 371(c)(2)).  $\boxtimes$ A copy of the International Search Report (PCT/ISA/210). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are transmitted herewith (required only if not transmitted by the International Bureau). have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 13 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 13. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15.  $\boxtimes$ A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A change of power of attorney and/or address letter. 19. Ø Certificate of Mailing by Express Mail 20.  $\boxtimes$ Other items or information: Postcard - English Translation of Specification - Sequence Asting and Translation

JC18 Rec'd PCT/PTO INTERNATIONALAPPLICATIONNO PCT/DE99/03732 113.1012 21. The following fees are submitted:. **CALCULATIONS PTO USE ONLY** BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1,000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but Internation Search Report prepared by the EPO or JPO ..... \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ...... \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 **ENTER APPROPRIATE BASIC FEE AMOUNT =** \$860.00 Surcharge of \$130.00 for furnishing the oath or declaration later than **3**0 \$130.00 months from the earliest claimed priority date (37 CFR 1.492 (e)). **CLAIMS** NUMBER FILED NUMBER EXTRA **RATE** 15 \$18.00 \$270.00 Total claims 35 -20 =0 \$80.00 \$0.00 - 3 = 3 Independent claims \$0.00 Multiple Dependent Claims (check if applicable) TOTAL OF ABOVE CALCULATIONS \$1,260.00 Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). \$0.00 SUBTOTAL \$1,260.00 Processing fee of \$130.00 for furnishing the English translation later than 20 □ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). \$0.00 TOTAL NATIONAL FEE = \$1,260.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be X accompanied by an appropriate cover sheet (37. \$40.00 \$1,300.00 Amount to be: refunded \$ \$ charged X A check in the amount of \$1.300.00 to cover the above fees is enclosed. Please charge my Deposit Account No. to cover the above fees. in the amount of A duplicate copy of this sheet is enclosed. X The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment 50-0552 to Deposit Account No. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Clifford M. Davidson, Esq. **SIGNATURE** DAVIDSON, DAVIDSON & KAPPEL, LLC 485 Seventh Avenue - 14th Floor William C. Gehris New York, NY 10018 NAME Telephone (212) 736-1940 Fascimile (212) 736-2427 38.156 REGISTRATION NUMBER May 24, 2001 DATE

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DERTIFICATE OF MAILING "EXPRESS MAIL" (37 CFR 1.10) Deplicant(s): Michael BECHTEL, et al.			113.1012
Serial No. To Be Assigned	Filing Date  Herewith	Examiner To Be Assigned	Group Art Unit To Be Assigned
ention: REGULATO	RY PROTEIN FROM HUMAN	KERATINOCYTES	
I hereby certify that the	e following correspondence:		
New U.S. PCT Patent	Application and Accompanying I	Oocuments	
	(Identify type	of correspondence)	
	Ka	Randolph McQu (Typed or Printed Name of Person Mail (Signature of Person Mailing Co	ling Correspondence) Orrespondence)
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National Stage of Michael BECHTEL, et al.

Serial No.: To be assigned
Filed: Herewith
For: REGULATORY PROTEIN FROM HUMAN KERATINOCYTES

Enclosed:
- Transmittal Letter to the United State Under 35 U.S.C. 371 (2 pages);
- English Translation of Specification (14 pages);
- Preliminary Amendment (14 pages);
- International Search Report (2 pages);
- International Preliminary Examination
- Copy of PCT Application;
- Drawings (9 pages);
- Certificate of Mailing by Express Mail (1 page; and
- A check in the amount of \$1,300.00
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